## Claims

1. An optical pickup characterized by including: a moving base which moves itself in the direction

of radius of a disc-formed recording medium set on a disc table;

an objective lens driver disposed on the moving base;

5

20

30

a plurality of light-emitting elements differed in type, each of which emits, towards a plurality of disc-formed recording media differed in type, laser beam of a wavelength of approximately 405 nm, approximately 660 nm or approximately 780 nm corresponded to each of the disc-formed media;

an objective lens which condenses each laser beam onto a recording surface of said disc-formed recording medium; and

a light-receiving element which receives the laser beam emitted from said light-emitting elements, and characterized in that:

said objective lens condenses the laser beam onto the recording surface of the disc-formed recording medium to thereby form an elliptic beam spot;

a long axis of a beam spot of said laser beam

25 having a wavelength of approximately 660 nm is aligned in
a direction 45° to 65° away from a tangential direction
of the disc-formed recording medium; and

a long axis of a beam spot of said laser beam having a wavelength of approximately 405 nm is aligned in a direction 25° to 45° away from the tangential direction of the disc-formed recording medium.

2. The optical pickup as claimed in Claim 1, characterized in that a long axis of a beam spot of said laser beam having a wavelength of approximately 780 nm is aligned in a direction 45° to 65° away from the tangential direction of the disc-formed recording medium.

5

10

20

25

- 3. A disc drive apparatus having a disc table on which a plurality of disc-formed recording medium differed in type is independently set and rotated, characterized by including:
- a moving base which moves itself in the direction of radius of a disc-formed recording medium set on a disc table;
- an objective lens driver disposed on the moving base;
  - a plurality of light-emitting elements differed in type, each of which emits, towards a plurality of disc-formed recording media differed in type, laser beam of a wavelength of approximately 405 nm, approximately 660 nm or approximately 780 nm corresponded to each of said disc-formed media;
  - an objective lens which condenses each laser beam onto a recording surface of the disc-formed recording medium; and
  - a light-receiving element which receives the laser beam emitted from said light-emitting elements, and characterized in that:
- said objective lens condenses the laser beam onto

  the recording surface of the disc-formed recording medium to thereby form an elliptic beam spot;

- a long axis of a beam spot of said laser beam having a wavelength of approximately 660 nm is aligned in a direction 45° to 65° away from a tangential direction of the disc-formed recording medium; and
- a long axis of a beam spot of said laser beam having a wavelength of approximately 405 nm is aligned in a direction 25° to 45° away from the tangential direction of the disc-formed recording medium.
- 4. The disc drive apparatus as claimed in Claim 3, characterized in that a long axis of a beam spot of said laser beam having a wavelength of approximately 780 nm is aligned in a direction 45° to 65° away from the tangential direction of the disc-formed recording medium.